Overview of Transportation Programming

Rambabu Bavirisetty

Chief, Office of Capital Improvement Programming
Division of Transportation Programming

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 frmvalidator.EnableMsgsTogether();

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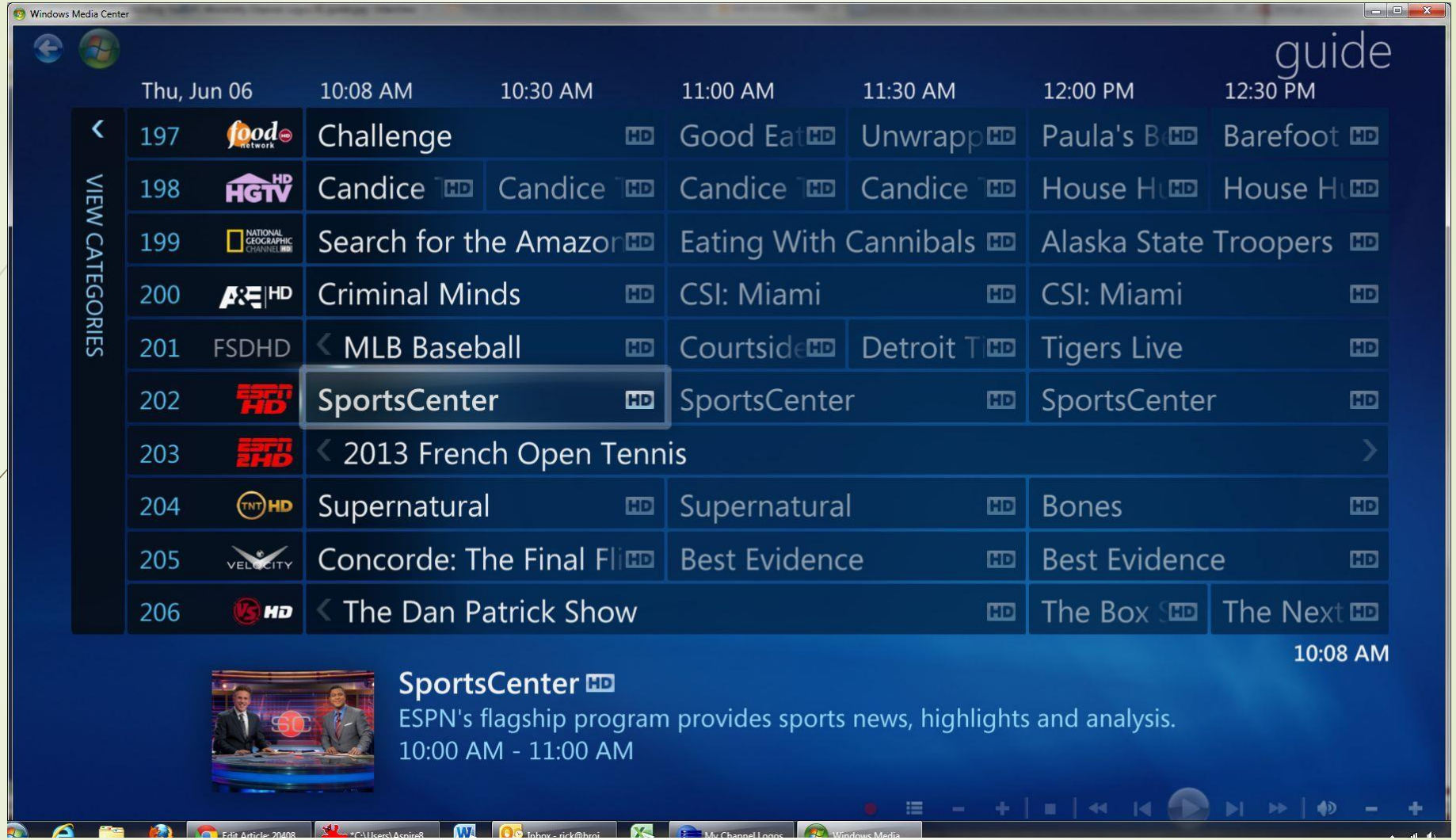
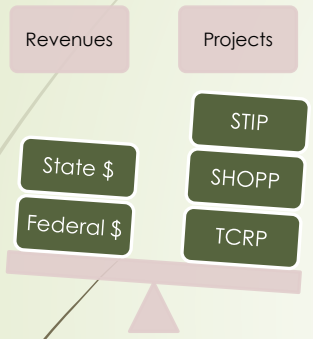
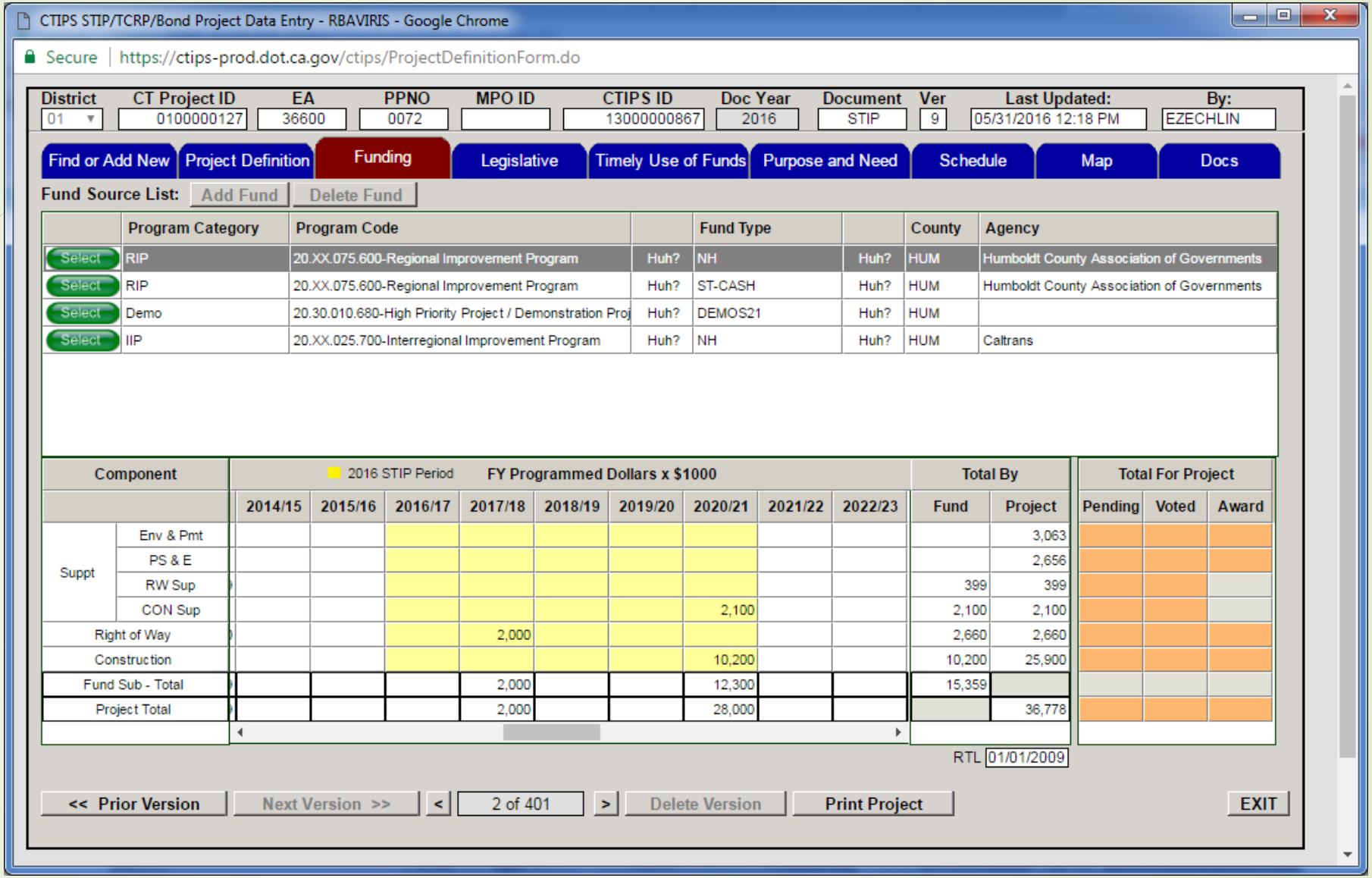

Windows Media Center
guide
Thu, Jun 06
10:08 AM
10:30 AM
11:00 AM
11:30 AM
12:00 PM
12:30 PM
VIEW CATEGORIES
197 Challenge
198 Candice
199 Search for the Amazon
Eating With Cannibals
Alaska State Troopers
200 Criminal Minds
CSI: Miami
CSI: Miami
201 FSDHD
MLB Baseball
Tigers Live
202 SportsCenter
SportsCenter
SportsCenter
203 2013 French Open Tennis
204 Supernatural
Supernatural
Bones
205 Concorde: The Final Fl
Best Evidence
Best Evidence
206 The Dan Patrick Show
10:08 AM
SportsCenter HD
ESPN's flagship program provides sports news, highlights and analysis.
10:00 AM - 11:00 AM

What is Transportation Programming?

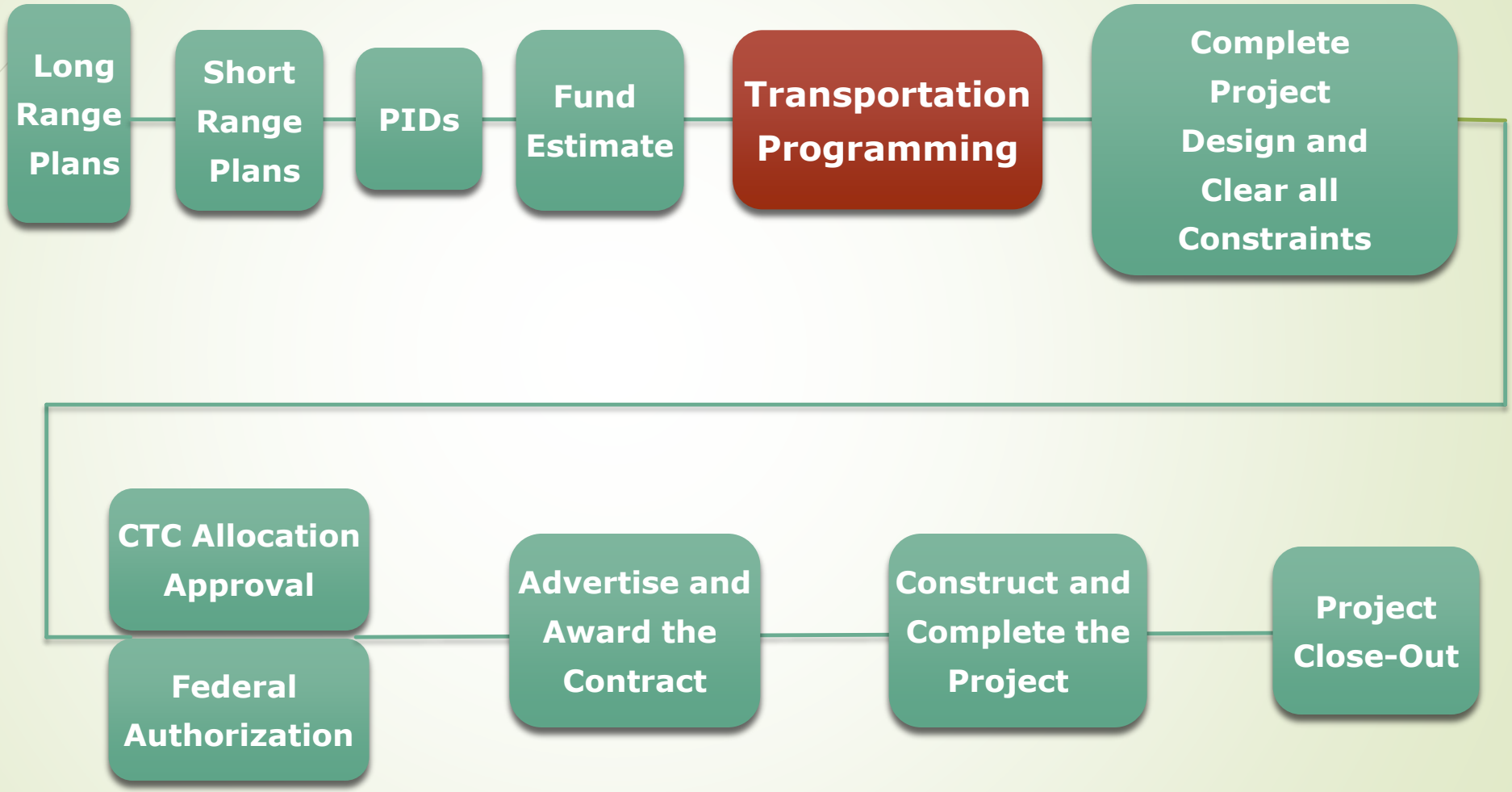


Transportation Programming is the public decision making process which sets priorities and identifies projects envisioned in long-range transportation plans. It matches expected revenues over a multi-year period to transportation projects.

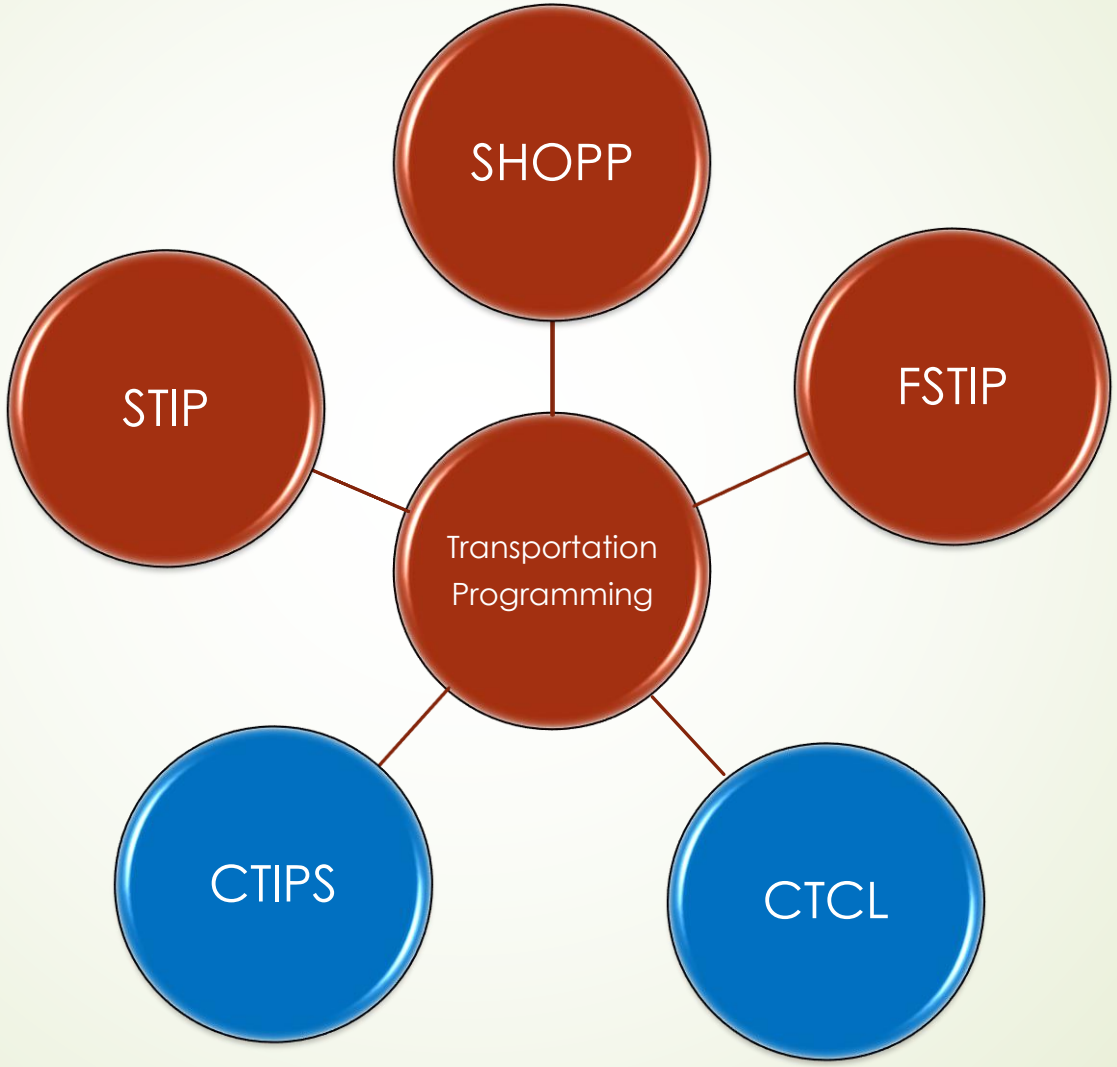
Transportation Programming is the preparation, management, and administration of project programming documents required under state and federal statutes.


CTIPS STIP/TCRP/Bond Project Data Entry - RBAVIRIS - Google Chrome
Secure | https://ctips-prod.dot.ca.gov/ctips/ProjectDefinitionForm.do
District 01
CT Project ID 0100000127
EA 36600
PPNO 0072
MPO ID
CTIPS ID 13000000867
Doc Year 2016
Document STIP
Ver 9
Last Updated: 05/31/2016 12:18 PM
By: EZECHLIN
Find or Add New
Project Definition
Funding
Legislative
Timely Use of Funds
Purpose and Need
Schedule
Map
Docs
Fund Source List:
Add Fund
Delete Fund
Program Category
Program Code
Fund Type
County
Agency
Select RIP 20.XX.075.600-Regional Improvement Program Huh? NH Huh? HUM Humboldt County Association of Governments
Select RIP 20.XX.075.600-Regional Improvement Program Huh? ST-CASH Huh? HUM Humboldt County Association of Governments
Select Demo 20.30.010.680-High Priority Project / Demonstration Proj Huh? DEMOS21 Huh? HUM
Select IIP 20.XX.025.700-Interregional Improvement Program Huh? NH Huh? HUM Caltrans
Component
2016 STIP Period
FY Programmed Dollars x $1000
2014/15 2015/16 2016/17 2017/18 2018/19 2019/20 2020/21 2021/22 2022/23
Total By
Fund Project
Total For Project
Pending Voted Award
Suppt
Env & Pmt 3,063
PS & E 2,656
RW Sup 399 399
CON Sup 2,100 2,100
Right of Way 2,000 2,660 2,660
Construction 10,200 10,200 25,900
Fund Sub - Total 2,000 12,300 15,359
Project Total 2,000 28,000 36,778
RTL 01/01/2009
<< Prior Version
Next Version >>
< 2 of 401 >
Delete Version
Print Project
EXIT

Transportation Programming



Various offices in the Division Transportation Programming



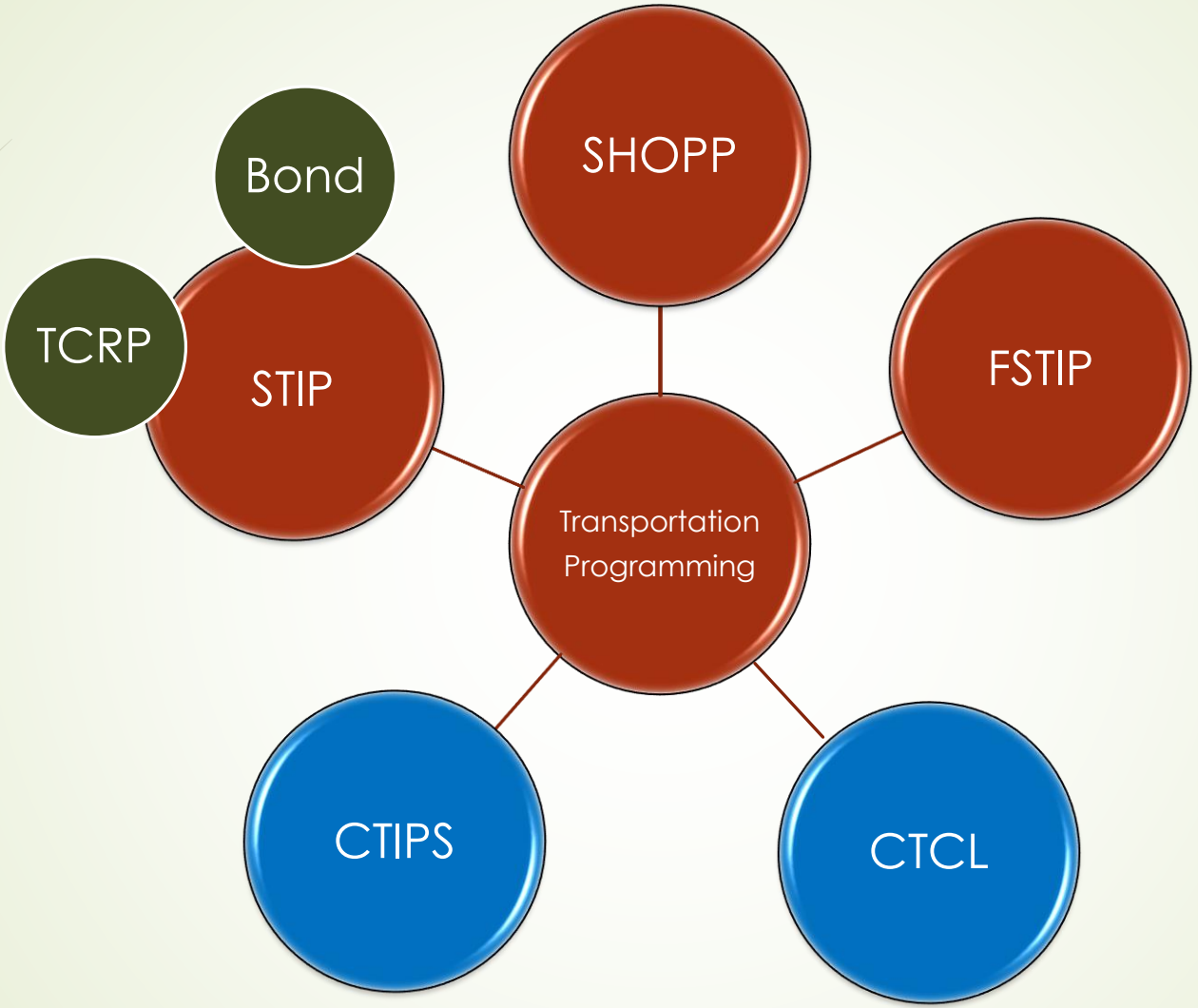
State Highway Operation and Protection Program (SHOPP)

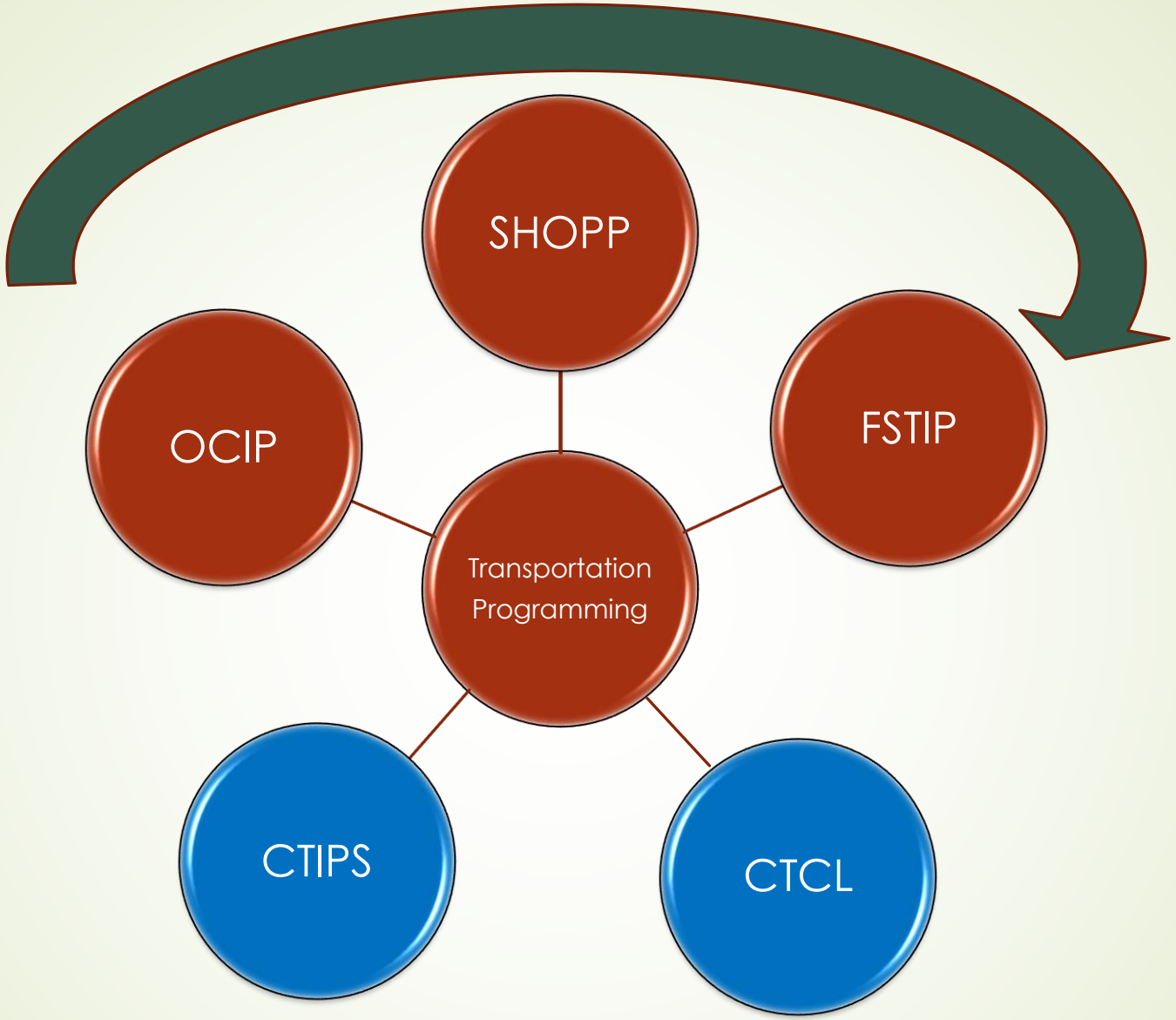
State Transportation Improvement Program (STIP)

Federal Statewide Transportation Improvement Program (FSTIP)

California Transportation Improvement Program System (CTIPS)

California Transportation Commission Liaison (CTCL)


Bond
SHOPP
TCRP
STIP
FSTIP
Transportation Programming
CTIPS
CTCL


SHOPP
OCIP
FSTIP
Transportation Programming
CTIPS
CTCL

Division of Transportation Programming works with

Federal	State	Regional/Local
• FHWA • FTA • EPA	• CTC • ARB • Districts • HQ Programs	• MPOs • RTPAs • LTCs • Transit Agencies • Public

Office of Capital Improvement Programming

Involved with programming of projects that result in transportation improvements that either increase system capacity or improve operational performance.

STIP — State Transportation Improvement Program

- The STIP is a Five Year Document, that contains a list of projects nominated by the Department for funding in the Interregional Transportation Improvement Program (ITIP) or nominated by the regions for funding in the Regional Transportation Improvement Program (RTIP) updated every two years.

TCRP — Traffic Congestion Relief Program

- A total of $4.9 Billion Authorized in 2000.

Bond — Proposition 1B Bond Programs

- A total of $19.9 Billion Authorized in 2006.

Caltrans

Typical STIP Projects

Interchanges

Overcrossings

HOV lanes

Bypasses

Caltrans

Typical STIP Projects

Local Roads

Transit Buses

HOV lanes

Intercity Rail

SHOPP

Office of State Highway Operation and Protection Program

Involved with programming of projects that are designed to maintain safety and integrity of State Highway System.

Purpose of the State Highway Operation and Protection Program (SHOPP)

Maintain and Preserve the State Highway System

Emergency Response and Safety are the highest priority

May not add new highway lanes

State Highway Operation and Protection Program (SHOPP)

Emergency Response
Collision Reduction
Legal and Regulatory Mandates
Mobility Improvement

Bridge Preservation
Roadway Preservation
Roadside Preservation
Facility Improvement

Caltrans

Typical SHOPP Projects

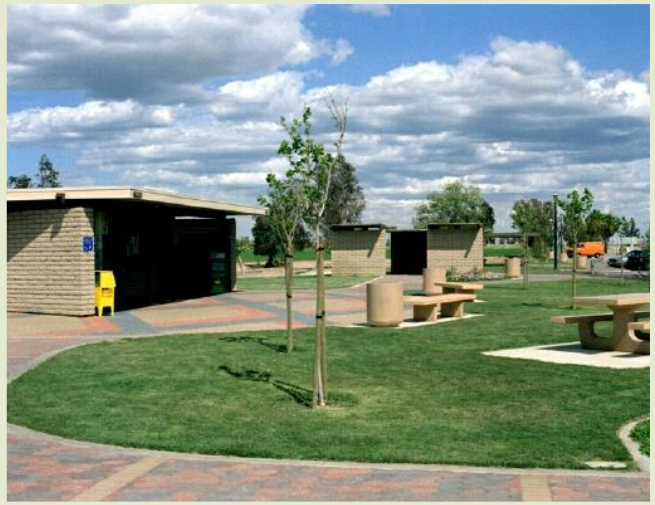
Major Damage Restoration

Roadway Rehabilitation

Bridge Deck and Rail Upgrade

Overlays

Typical SHOPP Projects



Safety Rest Areas

Guard Rail Upgrade

Barrier Rail Upgrade

Bridge Rehabilitation

How much money is available in each Fund Estimate for STIP and SHOPP

STIP	SHOPP
2010 STIP – $3.9 Billion	2010 SHOPP – $8.4 Billion
2012 STIP – $3.6 Billion	2012 SHOPP – $10.0 Billion
2014 STIP – $3.5 Billion	2014 SHOPP – $11.4 Billion
2016 STIP – $2.4 Billion	2016 SHOPP – $12.0 Billion
2016 STIP – $1.6 Billion (Revised)	

How much money will the Road Repair and Accountability Act provide in next 5 years

Current Funding

STIP + SHOPP = $13.5 Billion

New Funding from

Road Repair and Accountability Act

$13 Billion to State and $13 Billion to Locals = $26 Billion

Federal Statewide Transportation Improvement Program (FSTIP)

Involved with programming of Four year priority list of federally funded transportation projects and regionally significant projects.

FSTIP

Federal Statewide Transportation Improvement Program (FSTIP)

- Developed by the Department of Transportation
- Compilation of all FTIPs and Projects from Rural Counties
- Submitted to the Federal Highway Administration and Federal Transit Administration by September 1 of even numbered years.
- FHWA/FTA approve FSTIP by December 15 of even numbered years.

Caltrans

Federal Programming

FHWA and FTA

State – Department of Transportation

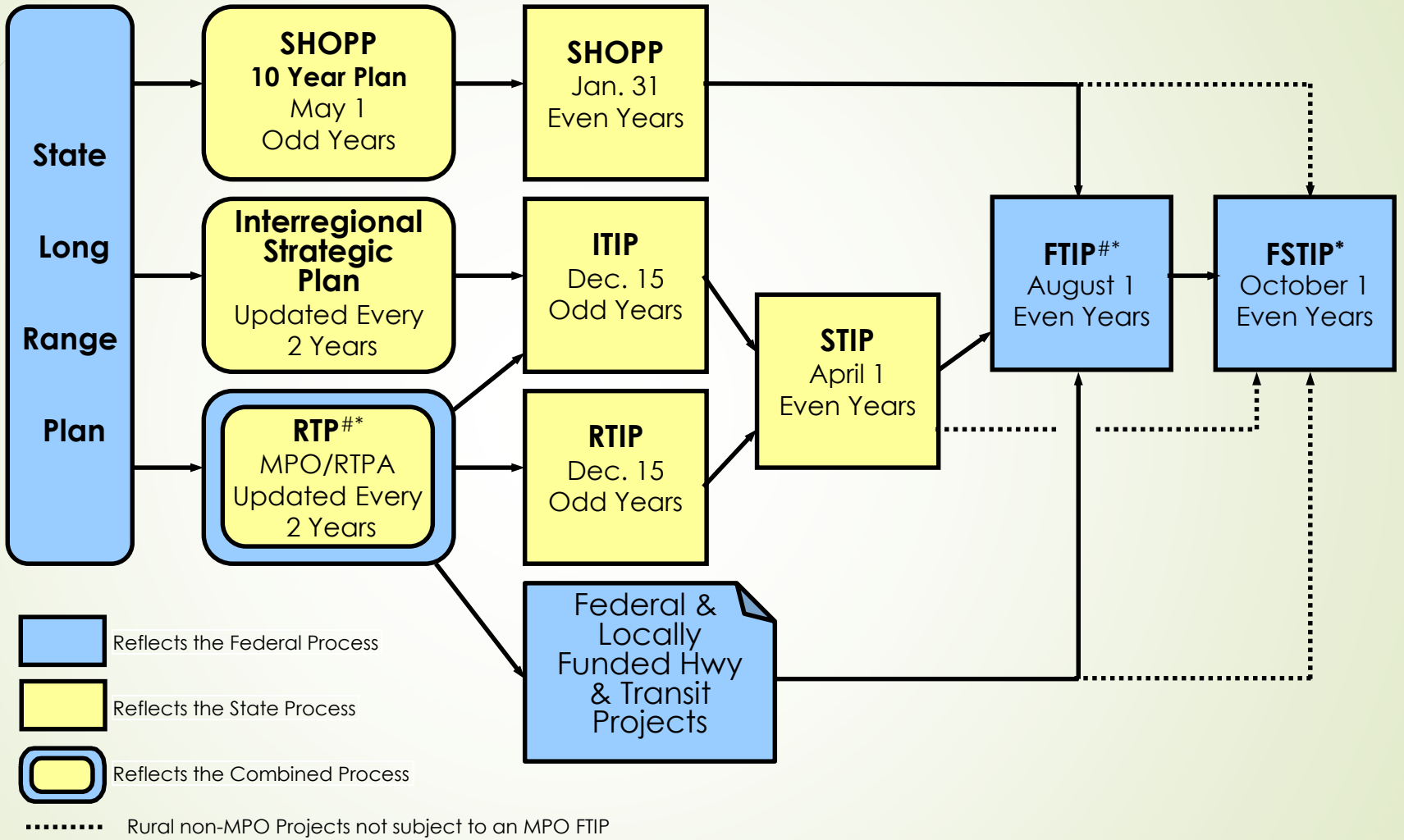
Regional - MPOs / RTPAs

Local - LTCs

Transit Agencies

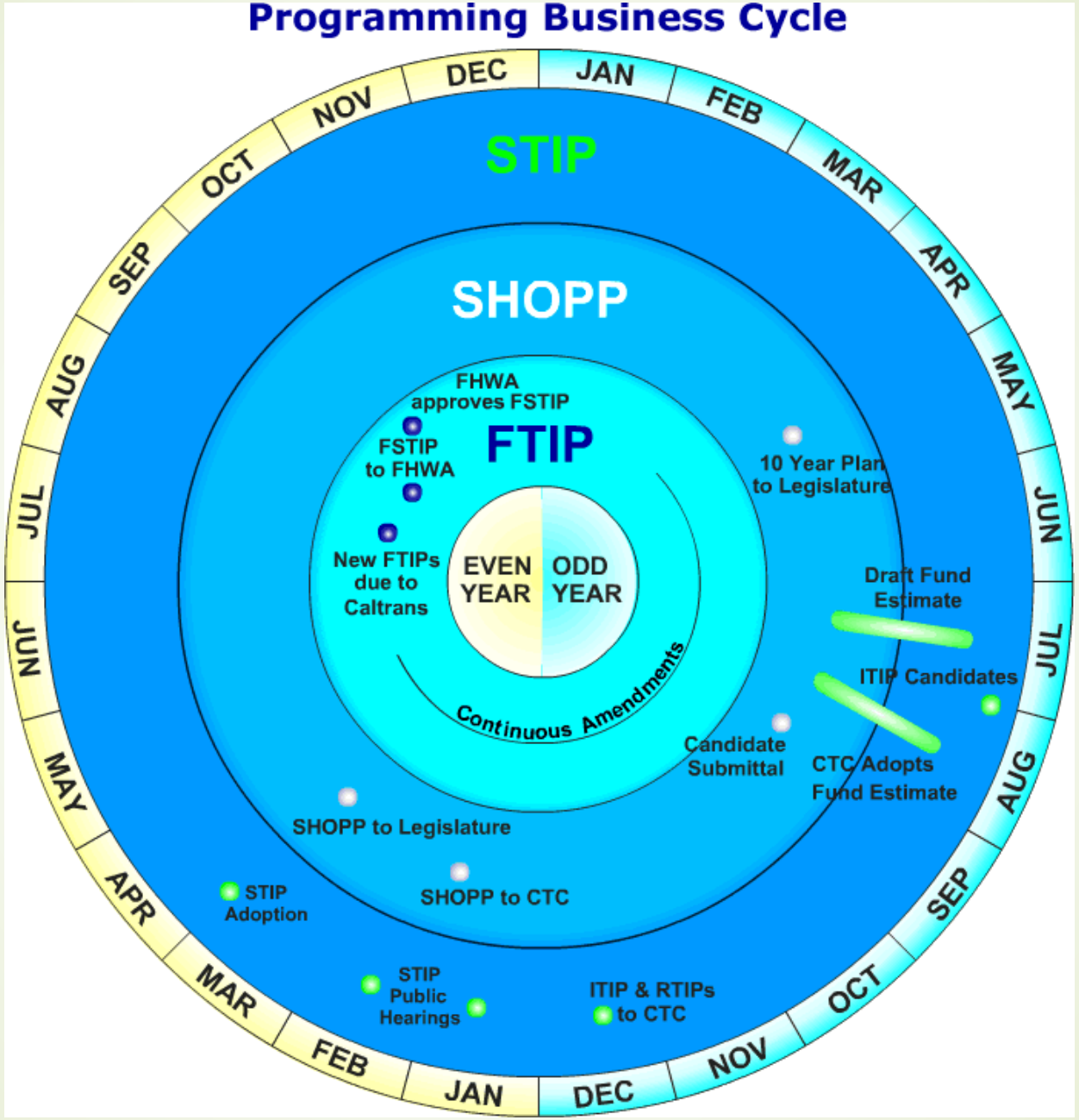
Public

FEDERAL/STATE PLANNING & PROGRAMMING PROCESS



# Indicates the point of an MPO's own Conformity Finding
* Indicates FHWA/FTA Conformity Finding

Programming Business Cycle



CTCL

California Transportation Commission Liaison

CTC Liaison Office acts as a liaison between the Department and the California Transportation Commission (CTC)

CTC Liaison Office coordinates all Department items and most regional items proposed for an upcoming CTC Agenda

CTC

The California Transportation Commission (CTC) is responsible for approving the programming and allocation of funds for highway, passenger rail, active transportation, aeronautics and transit improvements throughout California.

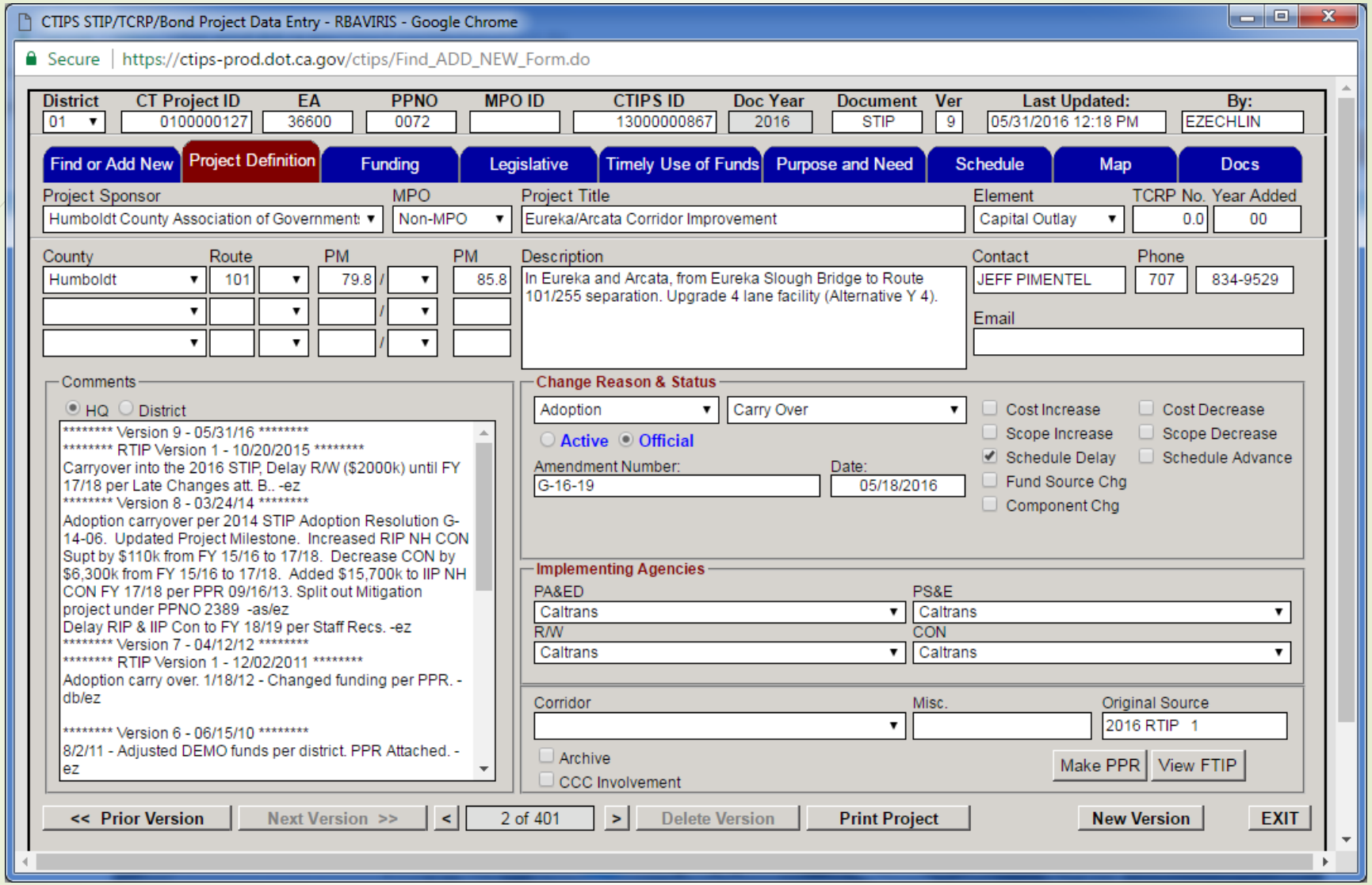
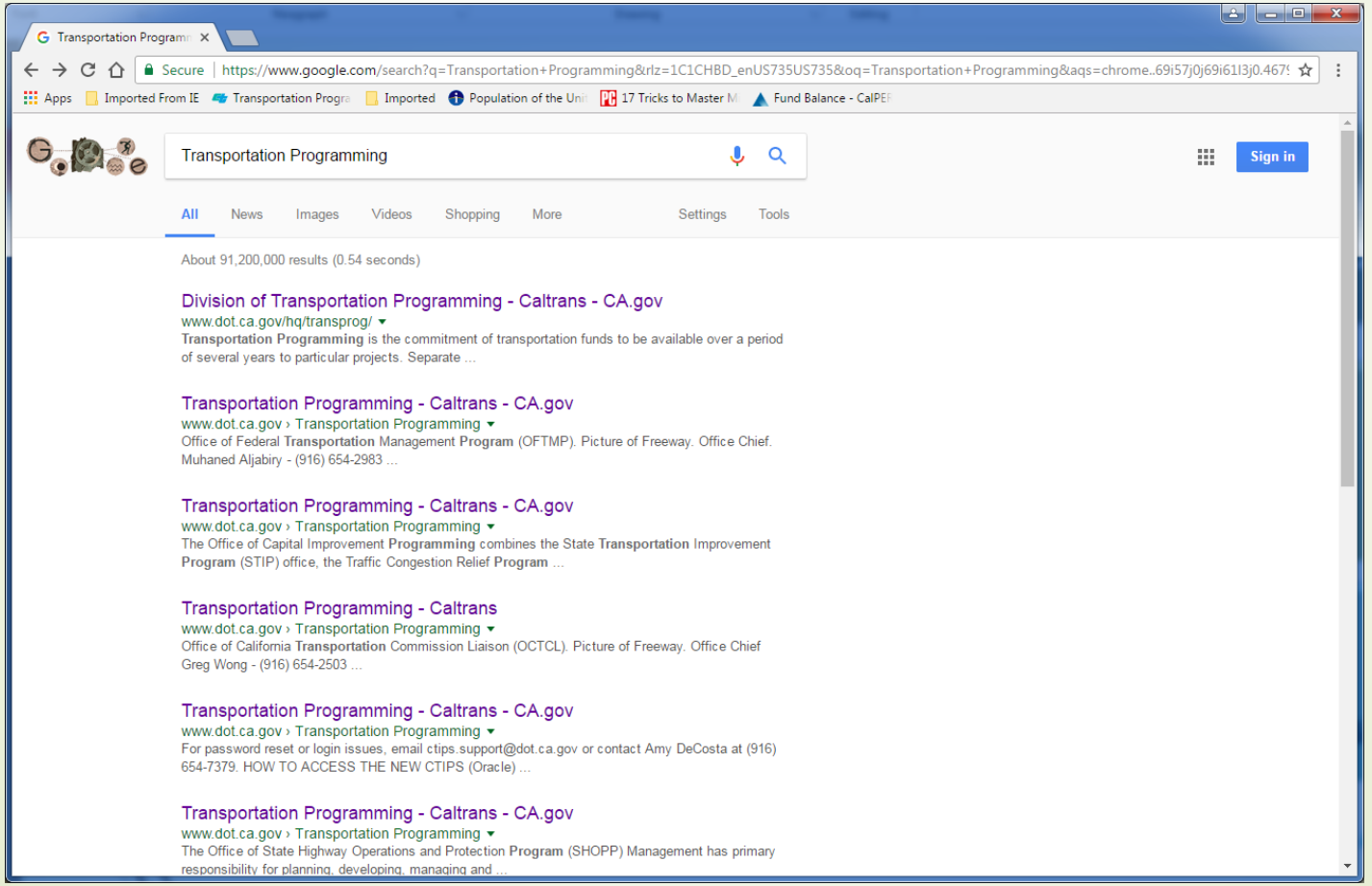
California Transportation Improvement Program System

- The CTIPS (California Transportation Improvement Program System) database is used to support the business of Transportation Programming.

- CTIPS is used to capture the STIP, TCRP, BOND, SHOPP, and FSTIP project programming data in a single database.

Caltrans

STIP/
TCRP/BOND
Browse
GO
SHOPP
Browse
GO
FTIP
Browse
GO
Draft STIP
Browse
GO
Draft SHOPP
Browse
GO
Draft FTIP
Browse
GO
CTiPS


CTIPS STIP/TCRP/Bond Project Data Entry - RBAVIRIS - Google Chrome
Secure | https://ctips-prod.dot.ca.gov/ctips/Find_ADD_NEW_Form.do
District 01
CT Project ID 0100000127
EA 36600
PPNO 0072
MPO ID
CTIPS ID 13000000867
Doc Year 2016
Document STIP
Ver 9
Last Updated: 05/31/2016 12:18 PM
By: EZECHLIN
Find or Add New
Project Definition
Funding
Legislative
Timely Use of Funds
Purpose and Need
Schedule
Map
Docs
Project Sponsor Humboldt County Association of Governments
MPO Non-MPO
Project Title Eureka/Arcata Corridor Improvement
Element Capital Outlay
TCRP No. 0.0
Year Added 00
County Humboldt
Route 101
PM 79.8
PM 85.8
Description In Eureka and Arcata, from Eureka Slough Bridge to Route 101/255 separation. Upgrade 4 lane facility (Alternative Y 4).
Contact JEFF PIMENTEL
Phone 707 834-9529
Email
Comments
HQ District
******** Version 9 - 05/31/16 ********
******** RTIP Version 1 - 10/20/2015 ********
Carryover into the 2016 STIP, Delay R/W ($2000k) until FY 17/18 per Late Changes att. B.. -ez
******** Version 8 - 03/24/14 ********
Adoption carryover per 2014 STIP Adoption Resolution G-14-06. Updated Project Milestone. Increased RIP NH CON Supt by $110k from FY 15/16 to 17/18. Decrease CON by $6,300k from FY 15/16 to 17/18. Added $15,700k to IIP NH CON FY 17/18 per PPR 09/16/13. Split out Mitigation project under PPNO 2389 -as/ez
Delay RIP & IIP Con to FY 18/19 per Staff Recs. -ez
******** Version 7 - 04/12/12 ********
******** RTIP Version 1 - 12/02/2011 ********
Adoption carry over. 1/18/12 - Changed funding per PPR. -db/ez
******** Version 6 - 06/15/10 ********
8/2/11 - Adjusted DEMO funds per district. PPR Attached. -ez
Change Reason & Status
Adoption
Carry Over
Active Official
Amendment Number: G-16-19
Date: 05/18/2016
Cost Increase
Cost Decrease
Scope Increase
Scope Decrease
Schedule Delay
Schedule Advance
Fund Source Chg
Component Chg
Implementing Agencies
PA&ED Caltrans
PS&E Caltrans
R/W Caltrans
CON Caltrans
Corridor
Misc.
Original Source 2016 RTIP 1
Archive
CCC Involvement
Make PPR
View FTIP
<< Prior Version
Next Version >>
< 2 of 401 >
Delete Version
Print Project
New Version
EXIT

Want to learn more: Google "Transportation Programming"